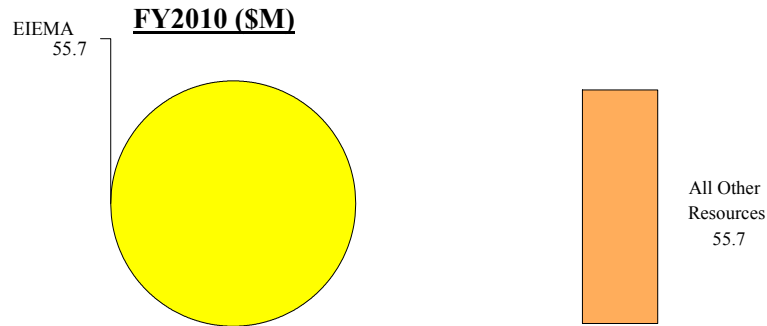


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Mission Area

Defense Business Area Breakout

FY09/10PB Comparison (\$M)

	<u>FY2009</u>	<u>FY2010</u>
PB FY2009:	\$ 52.4	\$ 45.9
PB FY2010:	\$ 62.9	\$ 55.7
Delta:	\$ 10.4	\$ 9.7

Explanation:

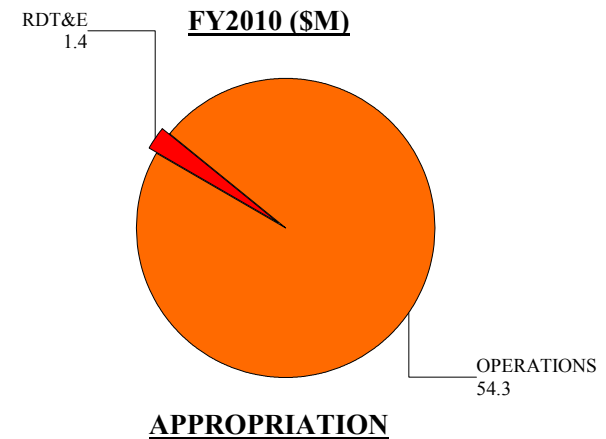
Refer to 'Significant Changes' section of the Overview

FY09 to FY10 Comparison (\$M)

	<u>FY2009</u>	<u>FY2010</u>	<u>Delta</u>
PB FY2010:	\$ 62.9	\$ 55.7	\$-7.2

Explanation:

Refer to 'Significant Changes' section of the Overview



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Executive Summary

The Defense Security Service (DSS) supports national security and the war fighter, secures the nation's technological base, and oversees the protection of US and foreign classified information in the hands of industry. This mission is accomplished by: clearing industrial facilities; accreditation of cleared industry information systems; delivering security education and training; and, providing information technology services that support the industrial security missions of DoD and its partner agencies. DSS manages the Enterprise Security System (ESS) to provide an effective, real-time, security support capability for the Military Departments, DoD Agencies, and the National Industrial Security Program (NISP). In compliance with the Expanded Electronic Government, President's Management Agenda, and the DoD Enterprise Architecture Framework, ESS is the unified offering of security mission systems which facilitate and automate improved national investigative and adjudicative standards, streamline security processes, and increase DoD community collaboration. ESS is comprised of the Joint Personnel Adjudication System (JPAS), the Industrial Security Facilities Database (ISFD), the Defense Central Index of Investigations (DCII), the improved Investigative Records Repository (iIRR), and the Educational Network Registration and On-Line Learning system (ENROL). Additionally, the DSS Enterprise Portal provides one-stop access to the services, applications, and information assets of the DSS enterprise. The ESS strengthens agency performance through the automated facilitation of the adjudicative function of the personnel security process, enhanced automation and oversight of the facility clearance process, and improvement of the Industrial Security Office of the Designated Approving Authority accreditation process. The ESS serves as the secure, authoritative source for management, storage, and timely dissemination of personnel security, industrial security, and security training information with flexibility and support structure for future DoD security process growth. Key DSS strategic goals for stakeholders and customers are to enable successful protection of national assets and interests on behalf of DoD and consistently meet/satisfy customer requirements/needs which include, engaging in new expanding security missions providing centralized information resources and support and adjusting services appropriate to risk. Key strategic objectives to support these goals include: the development, enhancement, and provision of security and information sharing tools and services; building strategic and tactical partnerships with customers; recognizing, communicating, and managing risk; and, developing and implementing an effective and efficient information and technology architecture to support critical processes.

Significant Changes

In compliance with the Expanded Electronic Government initiative, the Defense Security Service began to implement the Defense Information System for Security (DISS). In November 2007, DISS development responsibility was transferred from the Defense Security Service to the Business Transformation Agency (BTA).

Although development of the new DISS was transferred to BTA, the Defense Security Service (DSS) retains its mission to offer IT system services critical to three major mission areas: Counterintelligence; Industrial Security; and, Security Education. DSS performs this critical function through operation, maintenance, and enhancement of its Enterprise Security System (ESS) business applications: the Joint Personnel Adjudication System (JPAS); the Industrial Security Facilities Database (ISFD); the Defense Central Index of Investigations (DCII); the Improved Investigative Records Repository (iIRR); the DSS Gateway; and, the Electronic Network Registration and Online Learning system (ENROL).

FY10 PB Horizontal Changes - The slight reduction across the fiscal years is due to a significant reduction in RDT&E from the transfer of the former DISS to BTA, combined with an increase in ESS O&M funds for enhancements to ESS legacy systems to meet the demands of the industrial security and security education mission, as well as an additional 100+ personnel that DSS will be adding in FY09-FY10.

FY09 to FY10 PB Vertical Changes - The sharp reduction in FY08 is due to the transfer of the former DISS to BTA. FY09 and FY10 increases represent an increase in ESS O&M funds for enhancements to ESS legacy systems to meet the demands of the industrial security and security education mission, as well as an additional 100+ personnel that DSS will be adding in FY09-FY10.

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Defense Business Systems

In 2006, the Defense Security Service (DSS) began implementation of the Defense Information System for Security (DISS). As part of the implementation, DSS consolidated the below legacy systems to streamline the development efforts of DISS:

- Joint Personnel Adjudication System (JPAS),
- Defense Central Index of Investigations (DCII),
- Improved Investigative Records Repository (iIRR),
- DSS Enterprise Portal

In March 2007, the DISS investment reporting was changed from the Enterprise Information Environment (EIE) Mission Area to the Business Mission Area (BMA)/Human Resources Management (HRM) Domain, under USD(P&R). As of November 2007, DISS development responsibility was transferred from DSS to the Business Transformation Agency (BTA) and DSS decoupled the above legacy initiatives from DISS. The DISS funding profile was moved to BTA under the HRM-BMA, and the legacy DSS initiatives were reactivated by DSS under the former EIE Mission Area. The above DSS initiatives are currently identified within the EIE-MA, and do not meet the 2005 NDAA Sec. 332 definition of a Defense Business System. The proper alignment of DSS initiatives is currently being reviewed by the EIE Mission Area and the Business Mission Area for recommendation to the Defense Business System Management Committee (DBSMC). Per memo from DepSecDef England, DSS is divesting all Personnel Security Clearance applications to Defense Manpower Data Center.

Information Assurance Activities

DSS is implementing identity and access management, Public Key Infrastructure/Key Management Infrastructure (PKI/KMI), and PKI-enabled applications (per Public Key Cryptography Standards (PKCS) 12) to comply with the National Institute of Standards and Technology (NIST) Federal Information Processing Standard (FIPS) 201, developed to satisfy the requirements of HSPD-12. DSS is further expanding its compliance with DoD Instruction 8500.2, the Global Information Grid – Information Assurance (GIG-IA) Architecture, and direction from the Joint Task Force – Global Network Operations (JTF-GNO) with programs for Computer Network Defense Services Provider (CNDSP), Secure Configuration Compliance Validation Initiative/Secure Configuration Remediation Initiative (SCCVI/SCRI), policy creation and maintenance, contingency planning, configuration and asset management, auditing, IA training, Certification and Accreditation (C&A), and malicious code detection/eradication.

Major Accomplishments

In compliance with the Expanding Electronic Government initiative, the Defense Security Service (DSS) began to implement the Defense Information System for Security (DISS). In November 2007, DISS development responsibility was successfully transitioned from the DSS to the Business Transformation Agency (BTA). Although development of DISS was transferred to BTA, DSS retained its mission to offer IT system services critical to three major mission areas: Personnel Security, Industrial Security, and Security Education. DSS performs this critical function through operation, maintenance, and enhancement of its Enterprise Security System (ESS) business applications: the Joint Personnel Adjudication System (JPAS), the Industrial Security Facilities Database (ISFD), the Defense Central Index of Investigations (DCII), the Improved Investigative Records Repository (iIRR), the DSS Enterprise Portal, and the Electronic Network Registration and Online Learning system (ENROL).

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Some major accomplishments and ongoing activities include the following:

- JPAS Technology Assessment - Contractor will provide a written analysis of the Joint Personnel Adjudication System (JPAS) that specifically addresses the following areas of interest to the DSS Chief Information Officer: System Architecture and Design, Hardware/Infrastructure Configuration, Database Design, Disaster Recovery Viability, and Information Assurance/Data Integrity Posture.
- Secure Web Fingerprint Transmission (SWFT) Pilot (Phase 1) - A store and forward solution, with a secure web front end that allows designated customers to enter demographic information and upload electronic fingerprint images, was implemented in conjunction with four industry partners.
- Agency Use Block - Agency Use Block update to reflect requirements for extra coverage and federal investigations processing center codes for special processing needs of the eQIP.
- NGA CAF (National Geospatial Intelligence Agency Collaborative Adjudication Facility) - Collaborative adjudication facility designation for NGA to input adjudicative decisions on NGA personnel.
- Defense Integrated Military Human Resources System (DIMHRS) Interface - Bi-directional feed of personal identifiable data (PID) from the DIMHRS and JPAS. The final implementation is pending completion of the interface on the DIMHRS end.
- DCII Batch Query – A batch interface was established to allow the Army CAF's system (CATS - Clearance Adjudication Tracking System) and AFCAF's (Air Force Collaborative Adjudication Facility) system (CASPR - Central Adjudication Security Personnel Repository) to query and maintain investigative information for person records. The CATS interface will allow adjudicators to query DCII directly from the CATS interface and receive results within two hours; helping to reduce the adjudicator processing time.
- eFOCI (electronic Foreign Ownership Control Influence) (Argonne Labs) - Collect facility security information on facilities with foreign ownership control and influence via the eFOCI database.
- ISFD Requirements (Argonne Labs) - Develop user and system requirement for the next generation ISFD.

Major Planned Activities

In keeping with efficient and effective capture of emerging system requirements, compliance with Federal/DoD mandates, and performance improvements, DSS will implement the following ESS system enhancements and major activities in FY09 and beyond:

- Identity and Access Management/Enterprise Security System Portal (IdM/Portal) - CAC/PKI enables DoD private web servers supporting the ESS.
- ACES Interface – Interface between ACES and JPAS that provides a means to conduct records checks.
- CATS Interface - Bi-directional feed of investigative case data from the case adjudication system (Clearance Adjudication Tracking System - CATS) and JPAS; ensures that there are no duplicate CAF adjudicative entries.
- SF86 Support - Updates the OPM SF-86 form in JPAS.
- User Out-processed Notification - Notification to alert JCAVS users that DoD personnel with accesses but no Security Management Office have out-processed.
- Update Investigations Requirements Module - JPAS business rule change to remove the automatic "initiate ANACI" default when submitting a NACLC PR.
- Secure Web Fingerprint Transmission (SWFT) Implementation (Phase 2) – A store and forward solution with a secure web front end that allows designated customers to enter demographic information and upload electronic fingerprint images.
- Improved Investigation Reports Repository (iIRR) - iIRR is a records repository which provides access to and retrieval of prior investigative records and supports information sharing in support of personnel security, compliance with Congressional Acts, and providing historical investigative data in support of the National Personnel Security program.
- Rapid Assessment of Incomplete Security Evaluations (RAISE) - A web-based database allowing adjudicators to annotate and collect information regarding scope deficiencies within

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personnel security investigations conducted by OPM. Ability to provide metrics back to OPM regarding of the quality of the product DoD pays. Identifying consistent scope deficiencies to OPM allows for investigative changes to provide a more complete investigative product for adjudication. Having comprehensive personnel security investigations, reduces the adjudicative timelines allowing Central Adjudication Facilities to meet the mandated IRTPA timelines (Intelligence Reform and Terrorism Prevention Act).

- SIPRNet Web Presence – Implement a content driven web site to allow the DSS Counterintelligence organization to disseminate threat information in a secure environment.
- Internet Protocol Version 6 - DoD has mandated all networks become initially capable and then fully operational with Internet Protocol Version 6 (IPv6). DSS will need to make significant hardware and software investments to support this effort. Required actions include hardware replacements and upgrades, software modifications to allow inter-application communications via the IPv6 protocol stack, and extensive modifications to network configurations and diagrams. Compliance with DoD mandated changes to the NIPRNET, SIPRNET, and other DoD networks. Implementation of the first non-pilot phase is in FY2008, with requirements for enabling IPv6 native and tunneled traffic to traverse DoD networks during that fiscal year. Additional implementation during FY09 and beyond pending further guidance from DoD pending the department-wide pilot currently underway.
- Change SIOP (Single Integrated Operational Plan) Category in JPAS to NC2-ESI (Nuclear Command and Control Extremely Sensitive Information) - All SIOP related language and functionality in JPAS should be replaced with NC2-ESI .
- JPAS SWFT Interface - Create an interface to allow for the inbound and outbound exchange of data between SWFT and JPAS.
- Industry Investigation Request Codes (PBD704) - Organization codes used to identify industry investigation requests for MILDEP tracking, statistics and billing information.
- Add/Modify Person Category Record - Person and Person Category information input and modification prior to JPAS receiving the information from a MILDEP personnel system.
- Facility Verification Request/Notification - Associate facility verification request and notification with an organization instead of a person.
- Decommission Industrial Security Databases - Retire remaining stove pipe industrial security databases and incorporate functionality into ISFD.
- Performance Metrics Capability - Standardize data collection, reporting and ability to perform predictive analysis.
- Office of the Designated Approval Authority (ODAA) Business Management System (BMS) – Automate the development, submission, and management of System Security Plans (SSP) and Certification and Accreditation (C&A) documentation and activities for industry IT systems processing classified data.
- Security Requirements Interactive Database – Automates the completion and management of the DD Form 254 to capture contract security classification specifications and provide data search and retrieval.
- Electronic Facility Clearance (EFC) System – Collects and manages security information on facilities with Foreign Ownership Control or Influence (FOCI). Replaces and enhances the current ISFD system with new capabilities including, document upload and management, metrics, and additional security roles.
- Service Orientated Architecture (SOA) – Develop a core set of reusable enterprise services that can be leveraged by all mission systems. Core services include authorization and authentication, messaging, and document upload/download.

Global Information Grid (GIG) / Net-Centricity

The DoD GIG Architecture is the defacto standard for all DSS systems (JPAS, ISFD, DCII, iIRR, DSS Enterprise Portal, ENROL, and N&I). Therefore, DSS complies with all Global Information Grid (GIG) / Net-Centricity requirements. DSS incorporates GIG and GIG IA elements for the development and deployment of all DSS system components. A detailed plan entitled, “DSS Systems Roadmap,” is under development based on the following GIG documents:

- Net-Centric Operations and Warfare Reference Model (NCOW RM)
- DoD Architectural Framework
- DoD Directive 8100.1, Global Information Grid (GIG) Overarching Policy
- DoD Directive 8500.1, Information Assurance (IA)

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Information Technology Budget Exhibit Resource Summary by Initiative (IT-1)

DEFENSE SECURITY SERVICE RESOURCE SUMMARY:

----- Dollars in Thousands -----

FY2008 FY2009 FY2010

61,661	62,880	55,658
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2236 - Networks & Infrastructure (N&I)

Non-Major

GIG Category: COMMUNICATIONS AND COMPUTING INFRASTRUCTURE - COMPUTING
INFRASTRUCTURE

Operations

----- Dollars in Thousands -----

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	DEFENSE SECURITY SERVICE	10,137	10,451	10,576

Initiative Resource Summary:

10,137	10,451	10,576
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2854 - Industrial Security Facility Database (ISFD)

All Other

GIG Category: FUNCTIONAL AREA APPLICATIONS - INFORMATION MANAGEMENT

Operations

----- Dollars in Thousands -----

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	DEFENSE SECURITY SERVICE	8,345	9,188	11,592

RDT&E

----- Dollars in Thousands -----

<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E, DW	BA 07 OPER SYS DEV	0604130V DEFENSE INFORMATION SYSTEM FOR SECURITY (DISS)	2,996	3,736	802

Initiative Resource Summary:

11,341	12,924	12,394
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2865 - Defense Central Index of Investigations (DCII)

All Other

GIG Category: FUNCTIONAL AREA APPLICATIONS - INFORMATION MANAGEMENT

Operations

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Information Technology Budget Exhibit Resource Summary by Initiative (IT-1)

2865 - Defense Central Index of Investigations (DCII) (Continued)

All Other

GIG Category: FUNCTIONAL AREA APPLICATIONS - INFORMATION MANAGEMENT

Operations (Continued)

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	DEFENSE SECURITY SERVICE	4,173	4,617	4,673

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E, DW	BA 07 OPER SYS DEV	0604130V DEFENSE INFORMATION SYSTEM FOR SECURITY (DISS)	544	678	0

Initiative Resource Summary:

4,717	5,295	4,673
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2880 - Personnel Security Investigative File Automated Subsystem (iIRR)

All Other

GIG Category: FUNCTIONAL AREA APPLICATIONS - INFORMATION MANAGEMENT

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	DEFENSE SECURITY SERVICE	2,086	3,832	3,878

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E, DW	BA 07 OPER SYS DEV	0604130V DEFENSE INFORMATION SYSTEM FOR SECURITY (DISS)	272	1,391	0

Initiative Resource Summary:

2,358	5,223	3,878
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Information Technology Budget Exhibit Resource Summary by Initiative (IT-1)

2902 - DSS Enterprise Portal (Portal)

All Other

GIG Category: FUNCTIONAL AREA APPLICATIONS - INFORMATION MANAGEMENT

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	DEFENSE SECURITY SERVICE	1,669	1,833	1,855

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E, DW	BA 07 OPER SYS DEV	0604130V DEFENSE INFORMATION SYSTEM FOR SECURITY (DISS)	544	678	146

Initiative Resource Summary:

2,213	2,511	2,001
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2905 - Electronic Network Registration and On-Line Learning (ENROL)

All Other

GIG Category: FUNCTIONAL AREA APPLICATIONS - INFORMATION MANAGEMENT

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	DEFENSE SECURITY SERVICE	417	458	464

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E, DW	BA 07 OPER SYS DEV	0604130V DEFENSE INFORMATION SYSTEM FOR SECURITY (DISS)	1,089	1,357	291

Initiative Resource Summary:

1,506	1,815	755
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Information Technology Budget Exhibit Resource Summary by Initiative (IT-1)

3539 - Identity and Access Management Services (IdM)

All Other

GIG Category: FUNCTIONAL AREA APPLICATIONS - INFORMATION MANAGEMENT

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	DEFENSE SECURITY SERVICE	4,173	4,583	4,638

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E, DW	BA 07 OPER SYS DEV	0604130V DEFENSE INFORMATION SYSTEM FOR SECURITY (DISS)	544	678	146

Initiative Resource Summary:

4,717	5,261	4,784
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6321 - Joint Personnel Adjudication System (JPAS)

All Other

GIG Category: FUNCTIONAL AREA APPLICATIONS - INFORMATION MANAGEMENT

Operations

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Budget Line Item</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
O&M, DW	BA 04 ADMN & SRVWD ACT	DEFENSE SECURITY SERVICE	20,863	16,400	16,597

RDT&E

			----- Dollars in Thousands -----		
<u>Appropriation</u>	<u>Budget Activity</u>	<u>Program Element</u>	<u>FY2008</u>	<u>FY2009</u>	<u>FY2010</u>
RDT&E, DW	BA 07 OPER SYS DEV	0604130V DEFENSE INFORMATION SYSTEM FOR SECURITY (DISS)	3,809	3,000	0

Initiative Resource Summary:

24,672	19,400	16,597
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